



MARK A. YOUNG
EXECUTIVE DIRECTOR

LOWELL REGIONAL WASTEWATER UTILITY

WASTEWATER COLLECTION AND TREATMENT



SERVING LOWELL
CHELMSFORD
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July 24, 2018

Massachusetts Department of Environmental
Protection
Northeast Regional Office
205B Lowell Street
Wilmington, MA 01887

Department of Environmental Protection
Division of Watershed Management
627 Main Street – 2nd Floor
Worcester, MA 01608-2022

RE: MA0100633

To Whom It May Concern:

A permit exceedance occurred on July 17, 2018 with a daily TSS result of 62.5 mg/L. The Utility received 0.98 inches of rain over the course of the day with an instantaneous peak flow rate of 123.1 MGD and a peak hourly flow rate of 99.35 MGD. The violation can be directly related to the fact that the Primary Effluent TSS meter was reading artificially low due to a calibration error. This is an important tool used for controlling TSS in the effluent discharge during wet weather events.

CHANGES TO RESOLVE FUTURE VIOLATIONS:

- The Primary Effluent TSS Meter has been recalibrated to more accurately represent the TSS in the bypass flow. A system of administrative checks is being put into place to make sure the calibration error is not repeated.

Respectfully,

Thomas Kawa, Operations Superintendent
Lowell Regional Wastewater Utility
First St. Blvd. (Rt. 110)
Lowell MA 01850

Enclosure
Cc/LRWWU file

July Violation 2018